NN 2876/1.

PATENT

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Spencer A. Rathus et al.

Serial No.: 09/769,140

Group Art Unit: 2876

Filed: January 25, 2001

Examiner: Kim, Ahshik

For: METHOD AND APPARATUS FOR

Atty Doc. No. 660-022

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Honorable Commissioner for Patents P.O. Box 1430 Alexandria, VA 22313-1430

#### LETTER

SIR:

Please be advised of the following related co-pending applications:

Attorney Docket Number	Examiner	Serial Number
660-015	Kim, Ahshik	09/769,134
660-016	Le, Thien Minh	09/769,136
660-017	Le, Thien Minh	09/769,137
660-018	Le, Thien Minh	09/769,144
660-019	Le, Thien Minh	09/769,146
660-020	Le, Thien Minh	09/769,139
660-021	Le, Thien Minh	09/769,138
660-022	Kim, Ahshik	09/769,140
660-023	Le, Uyen-Chau N.	09/769,142
660-025	Le, Thien Minh	09/769,143
660-026	Le, Thien Minh	09/769,141
660-027	Kim, Ahshik	09/769,149
660-028	Kim, Ahshik	09/769,148
660-029	Le, Thien Minh	09/769,147
660-030	Le, Thien Minh	09/747,295
660-031	Kim, Ahshik	09/769,134

Please feel free to contact the undersigned attorney with any questions.

Respectfully submitted,

Date: June 17, 2004

John W. Olivo, Jr.
Reg. No. 35,634
WARD & OLIVO
382 Springfield Avenue
Suite 300
Summit, NJ 07901

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PTO/SB/21 (02-04)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 09/769,140 TRANSMITTAL Filing Date 1/25/2001 **FORM** First Named Inventor Spencer A. Rathus et al. Art Unit (to be used for all correspondence after initial filing) Examiner Name Kim, Ahshik Attorney Docket Number 12 660-022 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): Request for Refund **Express Abandonment Request** Return Receipt Postcard CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Ward & Olivo 382 Springfield Ave. Summit\_NJ 07901/ Individual name Signature Date 6/18/04 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Edward P. Bakos, Esq. Date 6/18/04 Signature

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PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

John W. Oliya, Jr

Name (Print/Type)

Signature

TOTAL AMOUNT OF PAYMENT

(\$) 18	30.00
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Co	Complete if Known				
Application Number	09/769,140				
Filing Date	1/25/2001				
First Named Inventor	Spencer A. Rathus				
Examiner Name	Kim, Ahshik				
Art Unit	2876				
Attorney Docket No.	660-022				

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None	3. ADDITIONAL FEES					
Deposit Account:	Large En	Large Entity   Small Entity				
Deposit 00.0400				Fee (\$)	Fee Description	Fee Paid
Account Number		130	2051	. ,	Surcharge - late filing fee or oath	
Deposit Account Ward & Olivo	1052	50	2052	25	Surcharge - late provisional filing fee or	
Name	1053	130	1053	130	Non-English specification	
The Commissioner is authorized to: (check all that apply)  Charge fee(s) indicated below  Credit any overpayments	1812 2,		1812 2		For filing a request for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments  Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requesting publication of SIR prior to	
Charge fee(s) indicated below, except for the filing fee	1005 1		4005		Examiner action	
to the above-identified deposit account.	1805 1,	,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month	
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month	
Fee Fee Fee Fee Paid Code (\$) Code (\$)	1254 1,	,450	2254	725	Extension for reply within fourth month	
1001 750 2001 375 Utility filing fee	1255 1,	,970	2255	985	Extension for reply within fifth month	<del></del>
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal	
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451 1,	,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,	·	2453	650	Petition to revive - unintentional	
Fee from	1501 1,	' I	2501		Utility issue fee (or reissue)	
Extra Claims below Fee Paid  Total Claims 20** = X		470	2502		Design issue fee	
Independent 3** -		630	2503		Plant issue fee	
Claims -3 = -3		130	1460		Petitions to the Commissioner	
Large Entity   Small Entity	1807	50	1807		Processing fee under 37 CFR 1.17(q)	180.00
Fee Fee Fee Fee Description		180	1806		Submission of Information Disclosure Stmt Recording each patent assignment per	100.00
Code (\$)   Code (\$)   1202 18   2202 9 Claims in excess of 20	8021	40	8021	40	property (times number of properties)	
1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	용
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be	ક
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	examined (37 CFR 1.129(b))  Request for Continued Examination (RCE)	140 180.00
1205 18 2205 9 ** Reissue claims in excess of 20		900	1802	900	Request for expedited examination	09769140
and over original patent	<u> </u>	٠, '	٠, ,		of a design application	<del>ک</del>
SUBTOTAL (2) (\$) <sup>(1)</sup>	Other fe			iling E	ee Paid	-8-
**or number previously paid, if greater; For Reissues, see above	Neuuce	eu by	Dasic F	iiing F	ee Paid SUBTOTAL (3) (\$) 180.0	00 S
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(Attorney/Agent)

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Sheet 1

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 8

Complete if Known			
Application Number	09/769,140		
Filing Date	1/25/2001		
First Named Inventor	Spencer A. Rathus		
Art Unit	2876		
Examiner Name	Kim, Ahshik		
Attorney Docket Number	660-02-2		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 3,705,384	12-05-1972	Wahlberg	
	2	<sup>US-</sup> 3,735,350	05-22-1973	Lemelson	
	3	<sup>US-</sup> 3,976,995	08-24-1976	Sebestyen	
	4	<sup>US-</sup> 3,989,929	11-02-1976	Treiber	
	5	<sup>US-</sup> 4,117,542	09-26-1978	Klausner et al.	
	6	<sup>US-</sup> 4,283,621	08-11-1981	Pembroke	
	7	<sup>US-</sup> 4,418,278	11-29-1983	Mondshein	
	8	<sup>US-</sup> 4,492,164	01-08-1985	Cassanas et al.	
	9	<sup>US-</sup> 4,601,573	07-22-1986	Utsugi	
	10	<sup>US-</sup> 4,609,358	09-02-1986	Sangster	
	11	<sup>US-</sup> 4,659,213	04-21-1987	Matsumoto	
	12	<sup>US-</sup> 4,711,994	12-08-1987	Greenberg	
	13	<sup>US-</sup> 4,723,212	02-02-1988	Mindrum et al.	
	14	<sup>US-</sup> 4,793,813	12-27-1998	Bitzer et al.	
	15	us- 4,812,879	03-14-1989	Suzuki	
_	16	<sup>US-</sup> 4,813,350	03-21-1989	Drillick	
	17	<sup>US-</sup> 4,820,167	04-11-1989	Nobles et al.	
	18	<sup>US-</sup> 4,825,058	04-25-1989	Poland	
	19	<sup>US-</sup> 4,839,507	06-13-1989	May	

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> ( <i>if known</i> )	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
	20	GB 2 109 600 A	06-02-1983	Brooke		
	21	JP 60-46,684	03-13-1985	Masaaki et al.		
	22	JP 62-98,334	05-07-1987	Yoshitomo, Abe		
.,	23	JP 362264752 A	11-17-1987	Suda, Koji		
	24	JP 363203045 A	08-22-1988	Asano, Eisuke		
	25	JP 363296560 A	12-02-1988	Mori, Naoki		

Examiner		Date	
Signature		Considered	

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Application Number	09/769,140				
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First Named Inventor	Spencer A. Rathus				
Art Unit	2876				
Examiner Name	Kim, Ahshik				
Attorney Docket Number	660-022				

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	26	<sup>US-</sup> 4,868,375	09-19-1989	Blanford	
	27	<sup>US-</sup> 4,897,865	01-30-1990	Canuel	
	28	<sup>US-</sup> 4,910,672	03-20-1990	Off et al.	
	29	<sup>US-</sup> 4,984,155	01-08-1991	Geier et al.	
	30	<sup>US-</sup> 4,992,824	02-12-1991	Plummer	
	31	<sup>US-</sup> 5,002,491	03-26-1991	Abrahamson et al.	
	32	<sup>US-</sup> 5,003,577	03-26-1991	Ertz et al.	
	33	<sup>US-</sup> 5,021,984	06-04-1991	Meade et al.	
•	34	<sup>US-</sup> 5,027,196	06-25-1991	Ono et al.	
	35	<sup>US-</sup> 5,031,098	07-09-1991	Miller et al.	
	36	<sup>US-</sup> 5,080,399	01-14-1992	Olson	
	37	<sup>US-</sup> 5,083,271	01-21-1992	Thacher et al.	
	38	<sup>US-</sup> 5,108,052	04-28-1992	Malewicki et al.	
	39	<sup>US-</sup> 5,111,196	05-05-1992	Hunt	
	40	<sup>US-</sup> 5,119,188	06-02-1992	McCalley et al.	
	41	<sup>US-</sup> 5,126,547	06-30-1992	Norman, Jr.	
	42	<sup>US-</sup> 5,142,662	08-25-1992	Gump et al.	
	43	<sup>US-</sup> 5,148,297	09-15-1992	Ishii et al.	
	44	<sup>US-</sup> 5,151,687	09-29-1992	Younger	

		FORE	IGN PATENT DOCU	JMENTS		
Examiner Initials*	, and a second s	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Or Relevant Figures Appear	T <sup>6</sup>
	45	EP 357899 A	03-14-1990	Schulz		
	46	JP 02103025 A	04-16-1990	Hirata		
	47	JP 02127792 A	05-16-1990	Oki, Shinji		
	48	JP 402279393 A	11-15-1990	Yuasa, Mitsutok		
	49	GB 2 232 119 A	12-05-1990	Webster et al.		
	50	JP 403060558 A	03-15-1991	Inaba, Satoshi		

Examiner		Date	
Signature		l Considered	
	<u></u>	1	

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Application Number	09/769,140			
Filing Date	1/25/2001			
First Named Inventor	Spencer A. Rathus			
Art Unit	2876			
Examiner Name	Kim, Ahshik			
Attorney Docket Number	660-022			

	U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	51	<sup>US-</sup> 5,168,303	12-01-1992	Ikenoue et al.		
	52	<sup>US-</sup> 5,173,851	12-22-1992	Off et al.		
	53	<sup>US-</sup> 5,181,062	01-19-1993	Kazumi, Jiro		
	54	<sup>US-</sup> 5,185,857	02-09-1993	Rozmanith et al.		
	55	<sup>US-</sup> 5,204,813	04-20-1993	Samph et al.		
	56	<sup>US-</sup> 5,211,287	05-18-1993	Weisburn et al.		
	57	<sup>US-</sup> 5,222,624	06-29-1993	Burr		
	58	<sup>US-</sup> 5,235,509	08-10-1993	Mueller et al.		
	59	<sup>US-</sup> 5,237,156	08-17-1993	Konishi et al.		
	60	<sup>US-</sup> 5,243,174 /	09-07-1993	Veeneman et al.		
· · ·	61	<sup>US-</sup> 5,262,860	11-16-1993	Fitzpatrick et al.		
	62	<sup>US-</sup> 5,287,181	02-15-1994	Holman		
	63	<sup>US-</sup> 5,288,977	02-22-1994	Amendolia et al.		
	64	<sup>US-</sup> 5,295,064	03-15-1994	Malec et al.		
	65	US- 5,295,836	03-22-1994	Ryu et al.		
	66	<sup>US-</sup> 5,302,990	04-12-1994	Satoh et al.		
	67	<sup>US-</sup> 5,310,349	05-10-1994	Daniels et al.		
<u>-</u>	68	<sup>US-</sup> 5,319,542	06-07-1994	King et al.		
	69	<sup>US-</sup> 5,353,219	10-04-1994	Mueller et al.		

		FORE	IGN PATENT DOCU	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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	70	JP 03151263 A	06-27-1991	Osawa		
	71	JP 03174693 A	07-29-1991	Ashida et al.		
	72	JP 04-023,183	01-27-1992	Masahide		
_	73	JP 404269048 A	09-25-1992	Wantanabe		
	74	JP 06110913 A	04-22-1994	Watanabe		
	75	JP 406188962 A	07-08-1994	Nakamura, Teruo		

Examiner	Date	
Signature	Considered	

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	76	<sup>US-</sup> 5,368,129	11-29-1994	Von Kohorn	
	77	<sup>US-</sup> 5,369,571	11-29-1994	Metts	
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		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ <sup>*</sup>
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Signature		Considered	
Signature		Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

 Complete if Known

 Application Number
 09/769, 140

 Filing Date
 1/25/2001

 First Named Inventor
 Spencer A. Rathus

 Art Unit
 2876

 Examiner Name
 Kim, Ahshik

(Use as many sheets as necessary)

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Sheet 5 of 8 Attorney Docket Number 660-022

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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		Country Code <sup>3 -</sup> Number <sup>4 -</sup> Kind Code <sup>5</sup> ( <i>if known</i> )	MM-DD-YYYY		Or Relevant Figures Appear	T
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Examiner		Date	-
Signature		Considered	
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Complete if Known					
Application Number	09/769,140				
Filing Date	1/25/2001				
First Named Inventor	Spencer A. Rathus				
Art Unit	2876				
Examiner Name	Kim, Ahshik				
Attorney Docket Number	660-022				

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (d known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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